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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
10/691,606	10/24/2003	Tatsumi Kageyama	1163-0476P	7308

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EXAMINER

ARTHUR JEANGLAUDE, GERTRUDE

ART UNIT	PAPER NUMBER
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3661

DATE MAILED: 09/19/2005

Please find below and/or attached an Office communication concerning this application or proceeding.

Office Action Summary

Application No.

10/691,606

Applicant(s)

KAGEYAMA, TATSUMI

Examiner

Gertrude Arthur-Jeanglaude

Art Unit

3661

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --
Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) OR THIRTY (30) DAYS, WHICHEVER IS LONGER, FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

Status

- 1) ☒ Responsive to communication(s) filed on 24 October 2003.
- 2a) ☐ This action is **FINAL**. 2b) ☒ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

Disposition of Claims

- 4) ☒ Claim(s) 1-8 is/are pending in the application.
- 4a) Of the above claim(s) _____ is/are withdrawn from consideration.
- 5) ☐ Claim(s) _____ is/are allowed.
- 6) ☒ Claim(s) 1-8 is/are rejected.
- 7) ☐ Claim(s) _____ is/are objected to.
- 8) ☐ Claim(s) _____ are subject to restriction and/or election requirement.

Application Papers

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☒ The drawing(s) filed on 24 October 2003 is/are: a) ☒ accepted or b) ☐ objected to by the Examiner.
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).
Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

Priority under 35 U.S.C. § 119

- 12) ☒ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☒ All b) ☐ Some * c) ☐ None of:
- 1) ☒ Certified copies of the priority documents have been received.
 - 2) ☐ Certified copies of the priority documents have been received in Application No. _____.
 - 3) ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

* See the attached detailed Office action for a list of the certified copies not received.

Attachment(s)

- 1) ☒ Notice of References Cited (PTO-892)
- 2) ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)
- 3) ☒ Information Disclosure Statement(s) (PTO-1449 or PTO/SB/08)
Paper No(s)/Mail Date 3/23/05.
- 4) ☐ Interview Summary (PTO-413)
Paper No(s)/Mail Date. _____.
- 5) ☐ Notice of Informal Patent Application (PTO-152)
- 6) ☐ Other: _____.

DETAILED ACTION

Claims 1-8 are presented for examination.

Claim Rejections - 35 USC § 103

The following is a quotation of 35 U.S.C. 103(a) which forms the basis for all obviousness rejections set forth in this Office action:

(a) A patent may not be obtained though the invention is not identically disclosed or described as set forth in section 102 of this title, if the differences between the subject matter sought to be patented and the prior art are such that the subject matter as a whole would have been obvious at the time the invention was made to a person having ordinary skill in the art to which said subject matter pertains. Patentability shall not be negated by the manner in which the invention was made.

Claims 1-8 are rejected under 35 U.S.C. 103(a) as being unpatentable over The Applicant's admitted prior art in the background of the invention in view of Nojima (6,163,750).

As to claim 1, the admitted prior art discloses a navigation apparatus comprising: a position detecting means for detecting a current position of a moving object according to positional information acquired from an information input means (See page 1, lines 15-18); the admitted prior art also discloses an instruction detecting means (See page 1, lines 24-30) for detecting a correction instruction signal indicating a correction instruction for making a correction to a screen display on a display means and showing the current position of the moving object as a guided target for navigation, and for producing a recognized pattern based on the correction instruction signal (See page 2, lines 10-15); a storage means (CD-ROM) for storing a plurality of types of correction patterns corresponding to a plurality of types of corrections to be made to the screen display (page 1, lines 17-18); a pattern determination means (by matching and

Art Unit: 3661

comparing see page 2, lines 10-15) for determining whether the storage means stores a correction pattern substantially matching the recognized pattern by comparing the recognized pattern with the plurality of types of correction patterns; Though the admitted prior art discloses a screen display means, at page 2, lines 11-15; it fails to specifically disclose and a screen display correction means for making a correction to the screen display on the display means and showing the current position of the moving object according to the correction instruction when the correction instruction determining means determines that an issue of the correction instruction is appropriate, and a correction instruction determining means for determining whether or not an issue of the correction instruction is appropriate based on the current position of the moving object detected by the position detecting means and the one shown by the screen display on the display means when the pattern determination means determines that a correction pattern substantially matching the recognition pattern exists. In an analogous art, Nojima discloses a route guiding device for vehicle wherein after error correction, the detected position is improved (See col.3, lines 50-58). It would have been obvious to one of ordinary skill in the art at the time of the invention to modify the system of the admitted prior art with that of Nojima by having a correction instruction means and a screen display correction means for making correction in order to provide route guidance to the vehicle.

As to claim 2, the admitted prior art in the background of the invention discloses the instruction detecting means is a brain wave detecting means for detecting a brain wave from the head of a driver who drives said moving object, and for generating a

brain wave signal as the correction instruction signal from the detected brain wave (See page 1, lines 24-27).

As to claims 3-4, the admitted prior art discloses all including a brain wave detecting means for detecting a brain wave from the head of a driver who drives the moving object as discussed but fail to specifically disclose that the instruction detecting means is a voice recognition means for detecting a voice of a driver that drives said moving object, and for generating a voice signal as the correction instruction signal from the detected voice. In an analogous art, Nojima discloses a voice instructions (voice recognition means for detecting a voice of a driver (See col. 3, lines 50-58). It would have been obvious to one of ordinary skill in the art at the time of the invention to modify the system of the admitted prior art with that of Nojima by having a voice recognition means in order to provide route guidance to the vehicle.

As to claims 5-8, the admitted prior art discloses a CD-ROM for pre-storing correcting patterns respectively corresponding to the plurality of types of corrections patterns respectively corresponding to said plurality of types of corrections, a plurality of recognized patterns which said instruction detecting means produces based on correction instruction signals detected thereby according to a user's operations; a plurality of brain wave patterns which said brain wave detecting means produces based on brain wave signals detected thereby according to a user's operations (See page 1, lines 15-30); the admitted prior art fails to specifically disclose a plurality of voice

Art Unit: 3661

patterns which said voice recognition means produces based on voice signals detected thereby according to a user's operations. . In an analogous art, Nojima discloses a voice instructions (voice recognition means for detecting a voice of a driver (See col. 3, lines 50-58). It would have been obvious to one of ordinary skill in the art at the time of the invention to modify the system of the admitted prior art with that of Nojima by having a voice recognition means in order to provide route guidance to the vehicle.

Conclusion

Any inquiry concerning this communication or earlier communications from the examiner should be directed to Gertrude Arthur-Jeanglaude whose telephone number is (571) 272-6954. The examiner can normally be reached on Monday-Friday from 8:30 a.m. to 6:00 p.m..

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Thomas Black can be reached on (571) 272-6956. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

Art Unit: 3661

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).

GAJ

GAJ

September 14, 2005

Gertrude A. Jeanglaude
GERTRUDE A. JEANGLAUDE
PRIMARY EXAMINER